Service Manual

ORDER NO.
RRV2310

POWERED SPEAKER SYSTEM

S-DV55SW-K
S-DV55SW-Q

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model		Power Requirement	Remarks
	S-DV55SW-K	S-DV555SW-Q		
KUCXJI	◯	–	AC120V	
MVYXJI	◯	◯	AC220-230V	

● **This product is component of system.**

Component		System		Service Manual	Remarks
DVD SURROUND SYSTEM		————		————	
	DVD TUNER	XV-DV55		RRV2309	
	POWERED SUBWOOFER	S-DV55SW-K	S-DV55SW-Q	RRV2310	This service manual
	SATELLITE SPEAKER	S-DV55ST-K	————	RRV2306	
		————	S-DV55ST-Q	RRV2312	

CONTENTS

1. SAFETY INFORMATION 2
2. EXPLODED VIEWS AND PARTS LIST 3
3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM 8
4. PCB CONNECTION DIAGRAM 16
5. PCB PARTS LIST 23
6. ADJUSTMENT 25
7. GENERAL INFORMATION 26
   7.1 DISASSEMBLY 26
8. SPECIFICATIONS 27

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS SERVICE, INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936

©PIONEER CORPORATION 2000

T – ZZV JUNE 2000 Printed in Japan

1. SAFETY INFORMATION

This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING
This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65

NOTICE
(FOR CANADIAN MODEL ONLY)
Fuse symbols (fast operating fuse) and/or (slow operating fuse) on PCB indicate that replacement parts must be of identical designation.

REMARQUE
(POUR MODÈLE CANADIEN SEULEMENT)
Les symboles de fusible (fusible de type rapide) et/ou (fusible de type lent) sur CCI indiquent que les pièces de remplacement doivent avoir la même désignation.

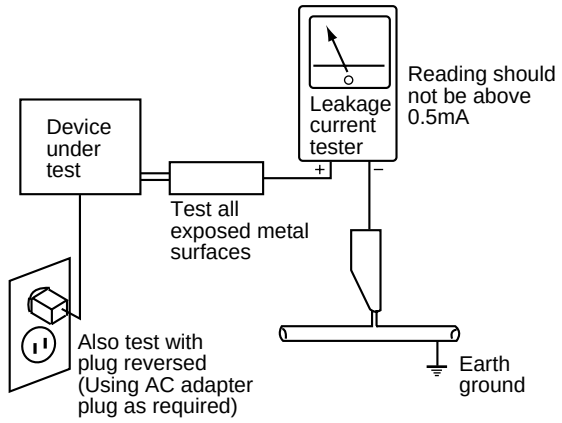
(FOR USA MODEL ONLY)

1. SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Measure leakage current to a known earth ground (water pipe, conduit, etc.) by connecting a leakage current tester such as Simpson Model 229-2 or equivalent between the earth ground and all exposed metal parts of the appliance (input/output terminals, screwheads, metal overlays, control shaft, etc.). Plug the AC line cord of the appliance directly into a 120V AC 60Hz outlet and turn the AC power switch on. Any current measured must not exceed 0.5mA.


Reading should not be above 0.5mA
Leakage current tester
+
–
Device under test
Test all exposed metal surfaces
Also test with plug reversed (Using AC adapter plug as required)
Earth ground

AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

2. PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in the appliance have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified by marking with a ⚠ on the schematics and on the parts list in this Service Manual.

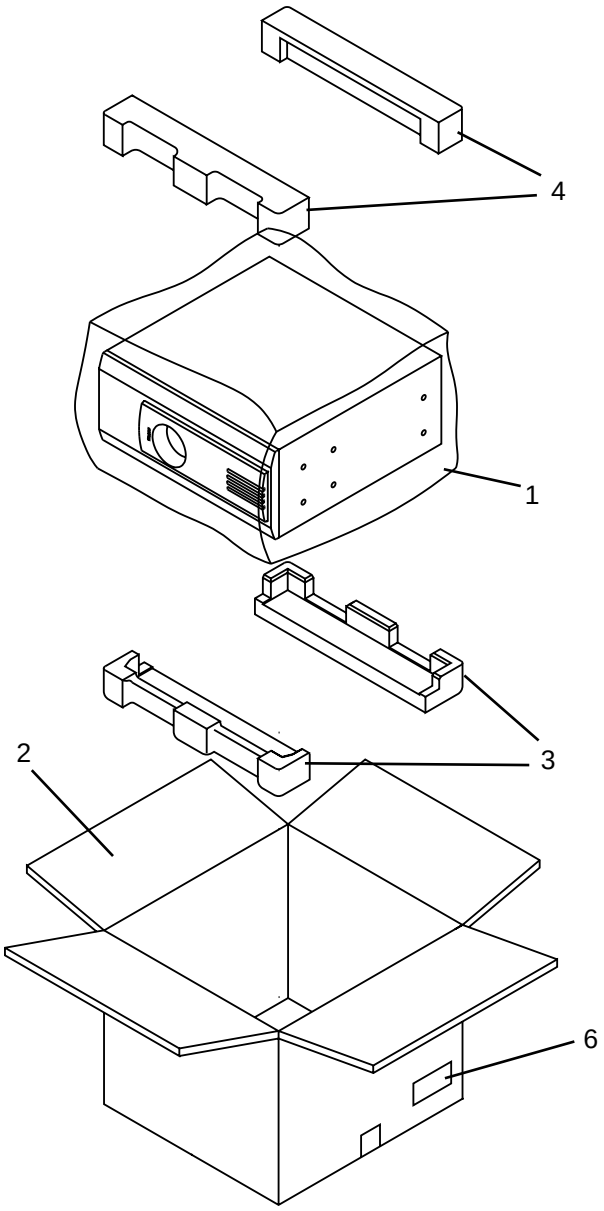
The use of a substitute replacement component which does not have the same safety characteristics as the PIONEER recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire, or other hazards.

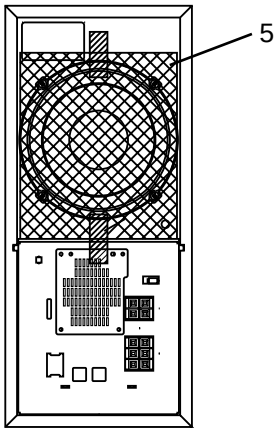
Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current PIONEER Service Manual. A subscription to, or additional copies of, PIONEER Service Manual may be obtained at a nominal charge from PIONEER.

2. EXPLODED VIEWS AND PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
● *Screws adjacent to ▼ mark on the product are used for disassembly.*

2.1 PACKING





(1) PACKING PARTS LIST

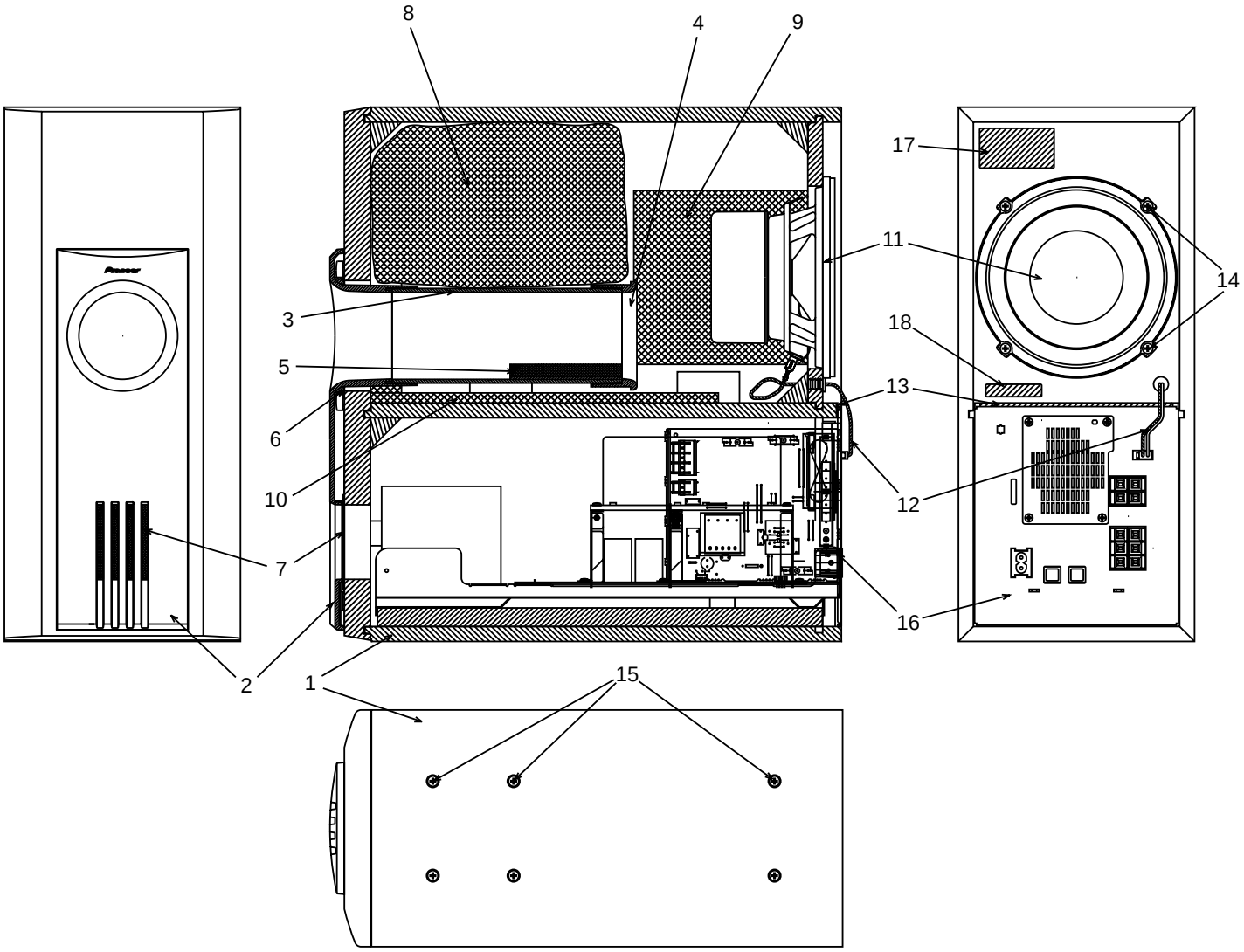
Mark	No.	Description	Part No.
NSP	1	Poly Bag S6	SHL1250
	2	Packig Case	See Contrast table (2)
	3	Protector (L)	SHA2227
	4	Protector (R)	SHA2228
	5	Protector	SHB1090
NSP	6	Serial Barcode Label	See Contrast table (2)

(2) CONTRAST TABLE

S-DV55SW-K/KUCXJI, /MVYXJI and S-DV55SW-Q/MVYXJI are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.			Remarks
			S-DV55SW-K /KUCXJI	S-DV55SW-K /MVYXJI	S-DV55SW-Q /MVYXJI	
	2	Packing Case	SHG2272	SHG2279	SHG2278	
NSP	6	Serial Barcode Label	SRM1080	Not used	Not used	

2.2 PRODUCT APPEARANCE SECTION



(1) PRODUCT APPEARANCE PARTS LIST

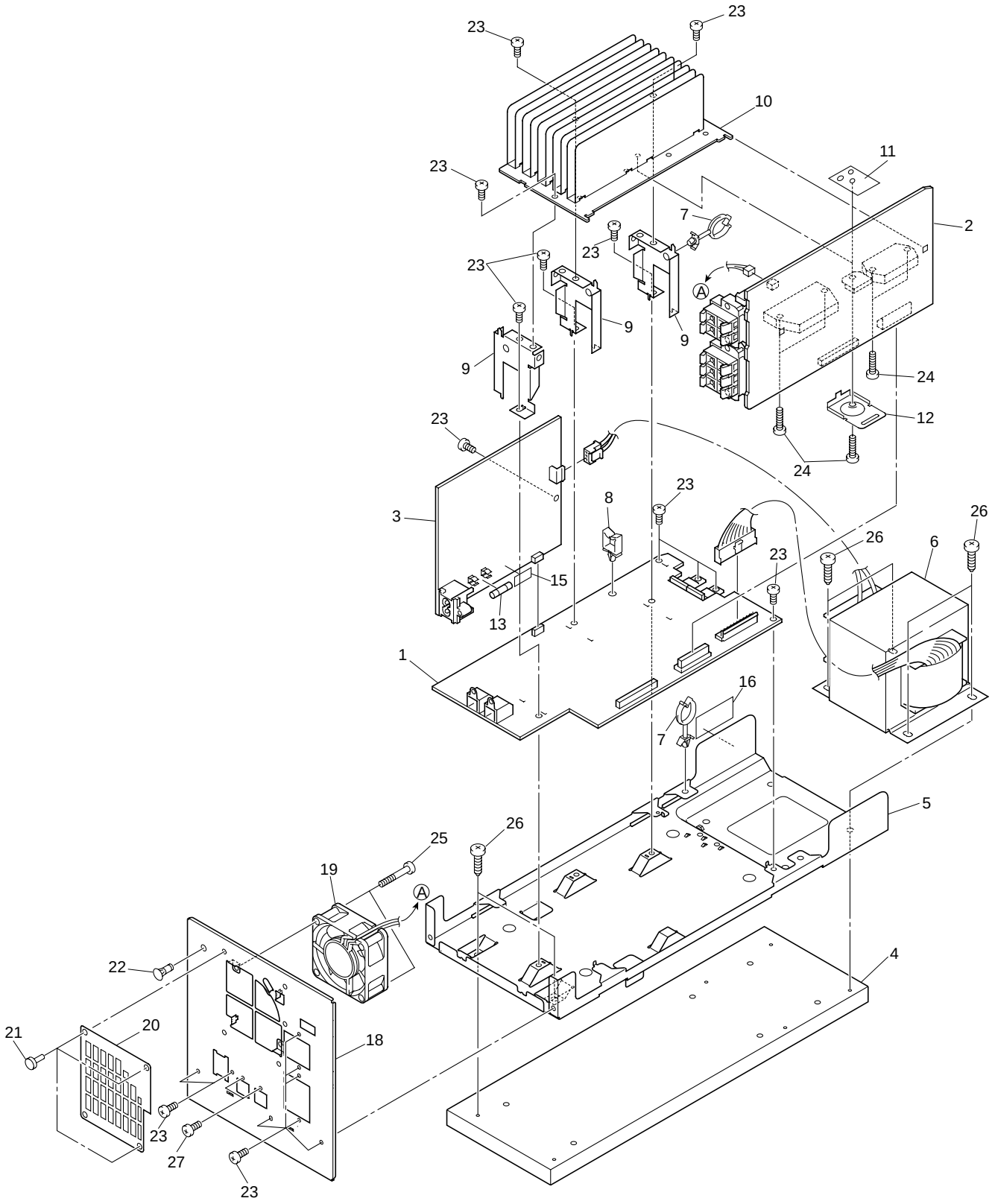
Mark	No.	Description	Part No.
NSP	1	Cabinet	See Contrast table(2)
NSP	2	Cosmetic Duct	See Contrast table(2)
NSP	3	Paper Tube	SMR1320
NSP	4	Duct Ring	SMR1319
	5	Damper	SER1279
	6	Packing	SEC1471
NSP	7	Mesh	SNC1185
NSP	8	Acoustic Absorbent (Polyester Fiber)	SMV2010
NSP	9	Acoustic Absorbent (Duffel Felt)	SMV1993
NSP	10	Acoustic Absorbent (Duffel Felt)	SMV1994
	11	Speaker	T16EU92-52F
	12	Conecting Cord	SDF1086
	13	Packing	SEC1492
	14	Screw (M4×16) (for Speaker)	BYC40P160FZB
	15	Screw (M4×18) (for Amplifier Assy fixing)	BYC40P180FZB
NSP	16	AMPLIFIER Assy	See Contrast table(2)
NSP	17	Serial Barcode Label	See Contrast table(2)
NSP	18	Serial Label	See Contrast table(2)

(2) CONTRAST TABLE

S-DV55SW-K/KUCXJI, /MVYXJI and S-DV55SW-Q/MVYXJI are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.			Remarks
			S-DV55SW-K /KUCXJI	S-DV55SW-K /MVYXJI	S-DV55SW-Q /MVYXJI	
NSP	1	Cabinet	SMM1898	SMM1902	SMM1901	
NSP	2	Cosmetic Duct	SMR1323	SMR1323	SMR1314	
NSP	16	AMPLIFIER ASSY *	AXX7076	AXX7077	AXX7078	*Refer to 2.3 section.
NSP	17	Serial Barcode Label	SRM1080	Not used	Not used	
NSP	18	Serial Label	Not used	SME3053	SME3052	

2.3 AMPLIFIER ASSY



(1) AMPLIFIER ASSY PARTS LIST

Mark	No.	Description	Part No.
	1	AF Assy	See Contrast table(2)
	2	AMP Assy	See Contrast table(2)
	3	PRI Assy	See Contrast table(2)
	4	Wood Base	AMM7005
NSP	5	Chassis	ANA7109
⚠	6	Power Transformer	See Contrast table(2)
NSP	7	Harness Lifter	AEC7296
	8	Wire Saddle	AEC7297
	9	Heat Sink Holder	ANG7317
NSP	10	Heat Sink	ANH7130
	11	Mica Seat	AEE7034
	12	IC Holder	ANG7318
⚠	13	Fuse	See Contrast table(2)
	14	• • • • • • •	
	15	Fuse Card	See Contrast table(2)
	16	65 Label	See Contrast table(2)
	17	• • • • • • •	
	18	Rear Panel	See Contrast table(2)
	19	DC Fan Motor	AXM7014
	20	Fan Cover	AEC7280
	21	Nylon Rivet	AEC7318
NSP	22	PCB Holder	AEC7057
	23	Screw	BBZ30P080FMC
	24	Screw	BBZ30P140FMC
	25	Screw	BBZ30P300FZK
	26	Screw	BYC40P140FMC
	27	Screw	PSC30P080FNI

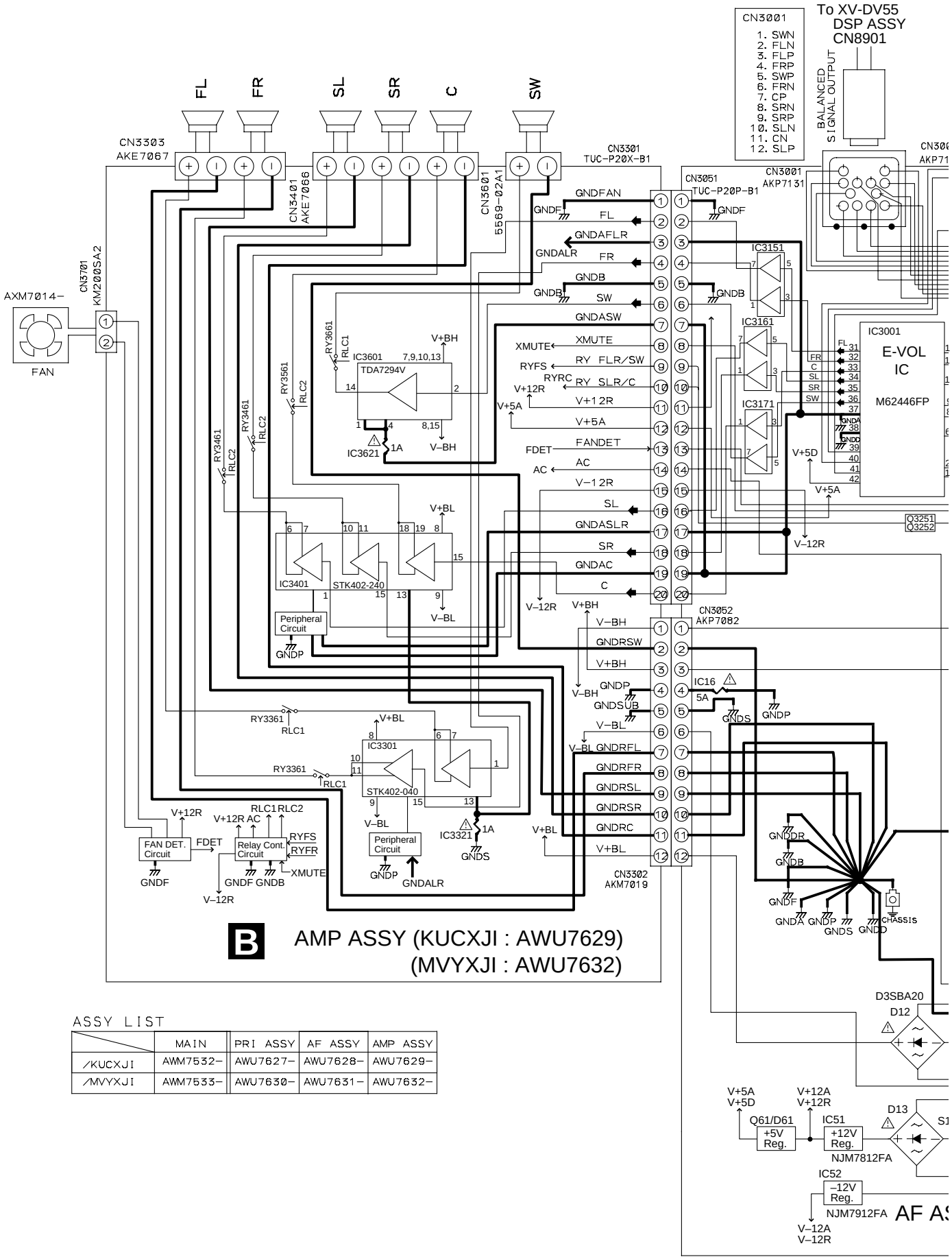
(2) CONTRAST TABLE

S-DV55SW-K/KUCXJI, /MVYXJI and S-DV55SW-Q/MVYXJI are constructed the same except for the following:

Mark	No.	Symbol and Description	Part No.			Remarks
			S-DV55SW-K /KUCXJI	S-DV55SW-K /MVYXJI	S-DV55SW-Q /MVYXJI	
	1	AF ASSY	AWU7628	AWU7631	AWU7631	
	2	AMP ASSY	AWU7629	AWU7632	AWU7632	
	3	PRI ASSY	AWU7627	AWU7630	AWU7630	
⚠	6	Power Transformer	ATS7288	ATS7289	ATS7289	
⚠	13	Fuse	REK1067 (5A)	REK1027 (3.15A)	REK1027 (3.15A)	
	15	Fuse Card	Not used	AAX7493	AAX7493	
	16	65 Label	ARW7050	Not used	Not used	
	18	Rear Panel	ANC7922	ANC7923	ANC7963	

3.0 BLOCKDIAGRAM AND SCHEMATIC DIAGRAM

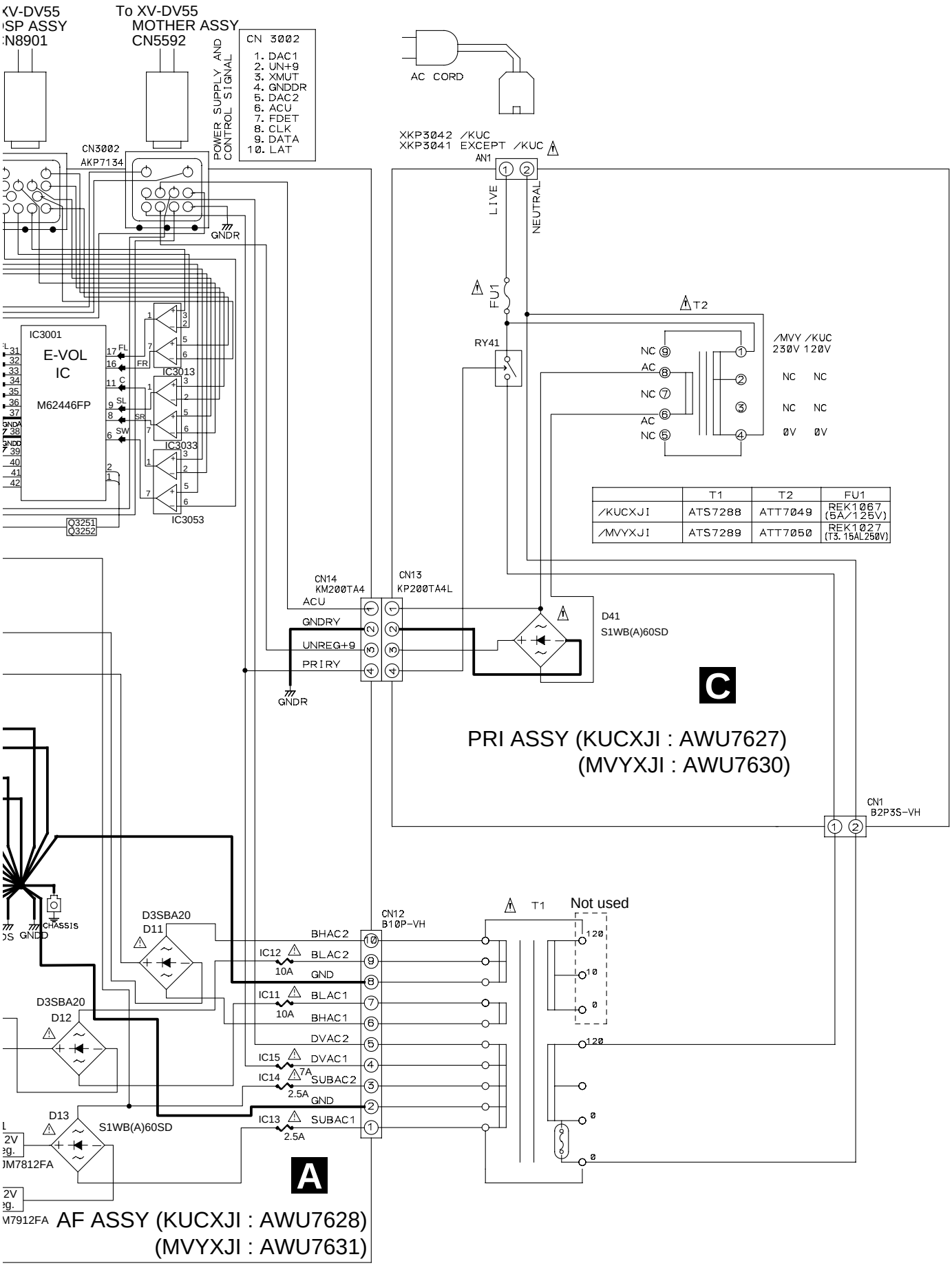
3.1 BLOCK DIAGRAM AND OVERALL CONNECTION DIAGRAM



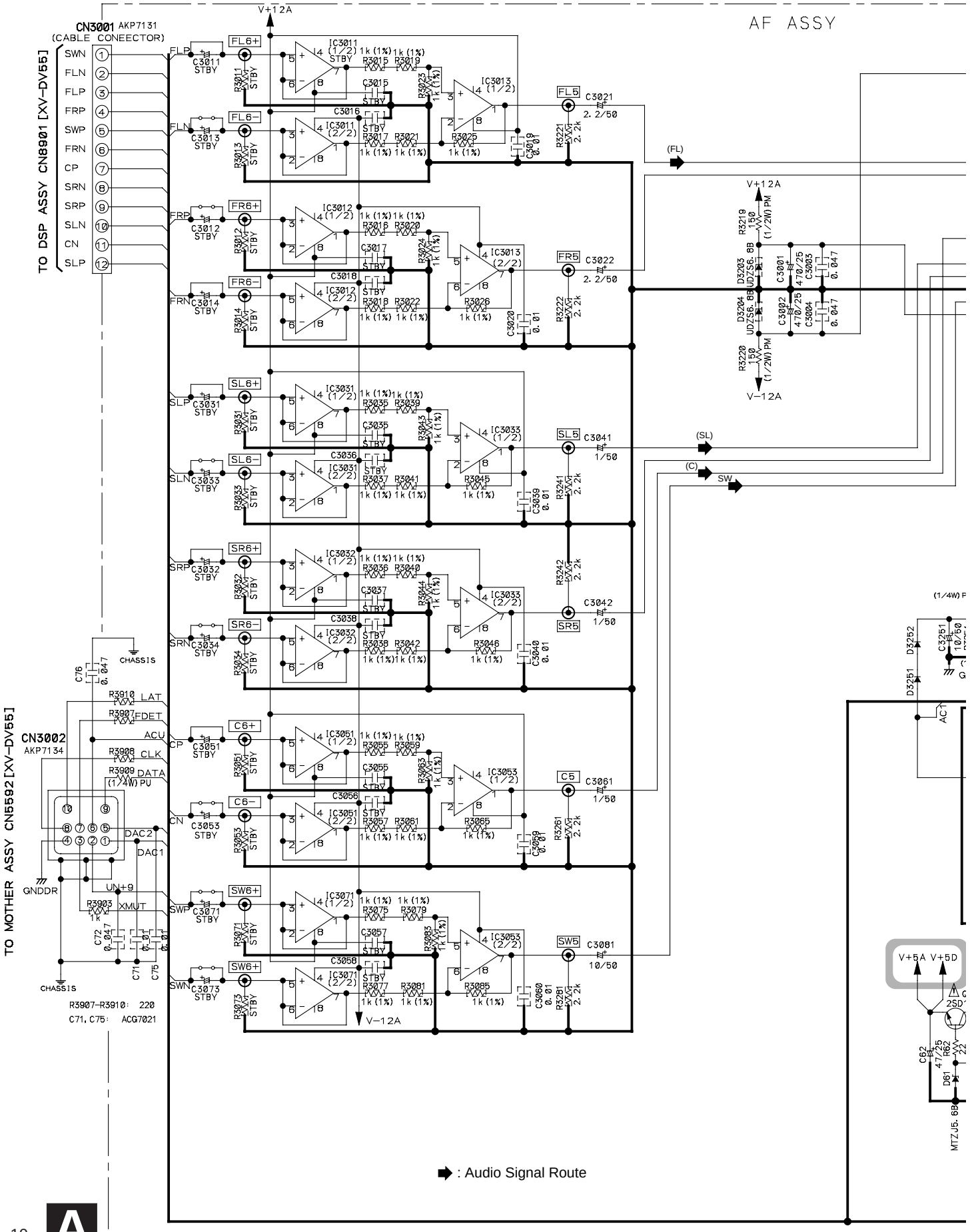
ASSY LIST

	MAIN	PRI ASSY	AF ASSY	AMP ASSY
/KUCXJI	AWM7532–	AWU7627–	AWU7628–	AWU7629–
/MVYXJI	AWM7533–	AWU7630–	AWU7631–	AWU7632–

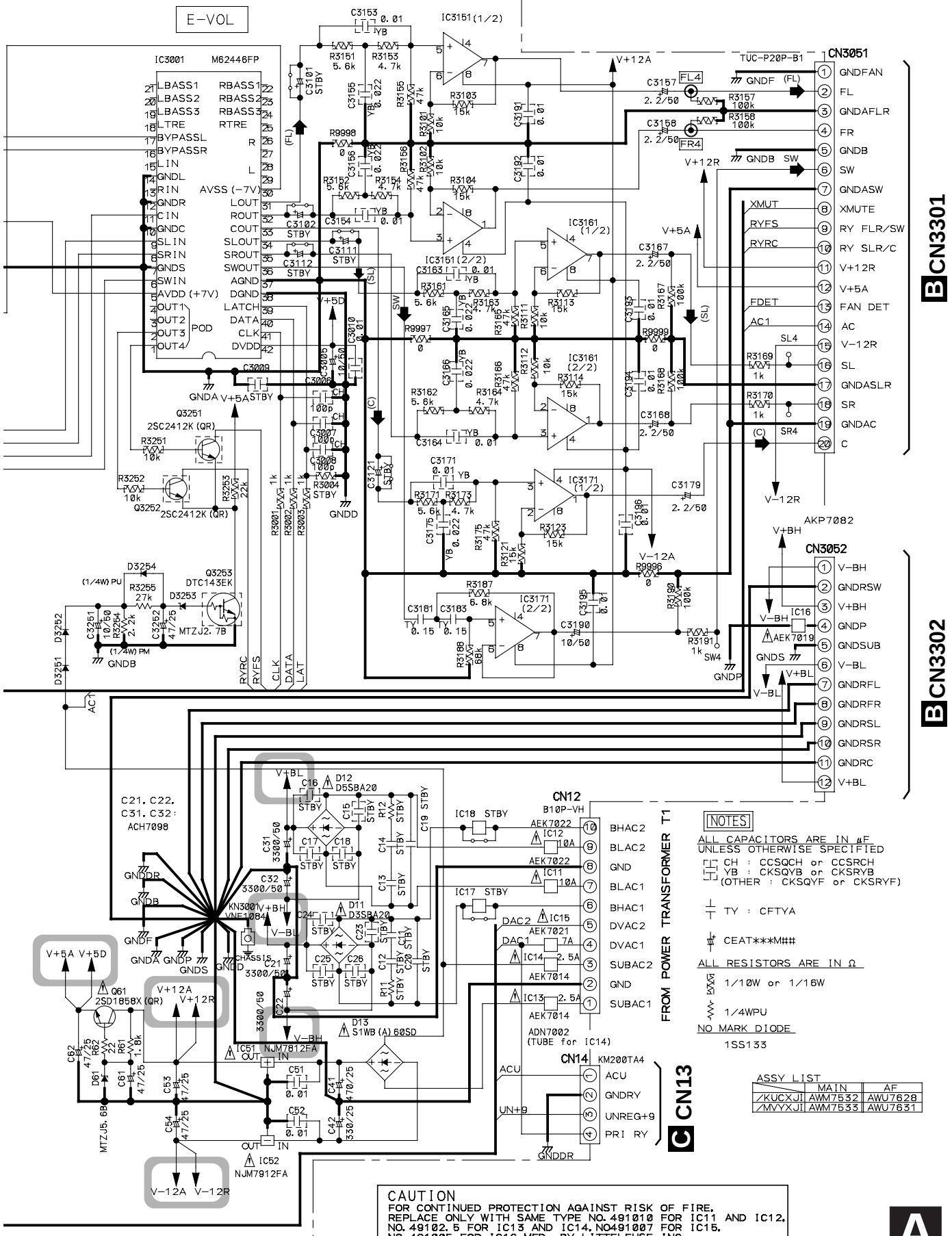
Note : When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".



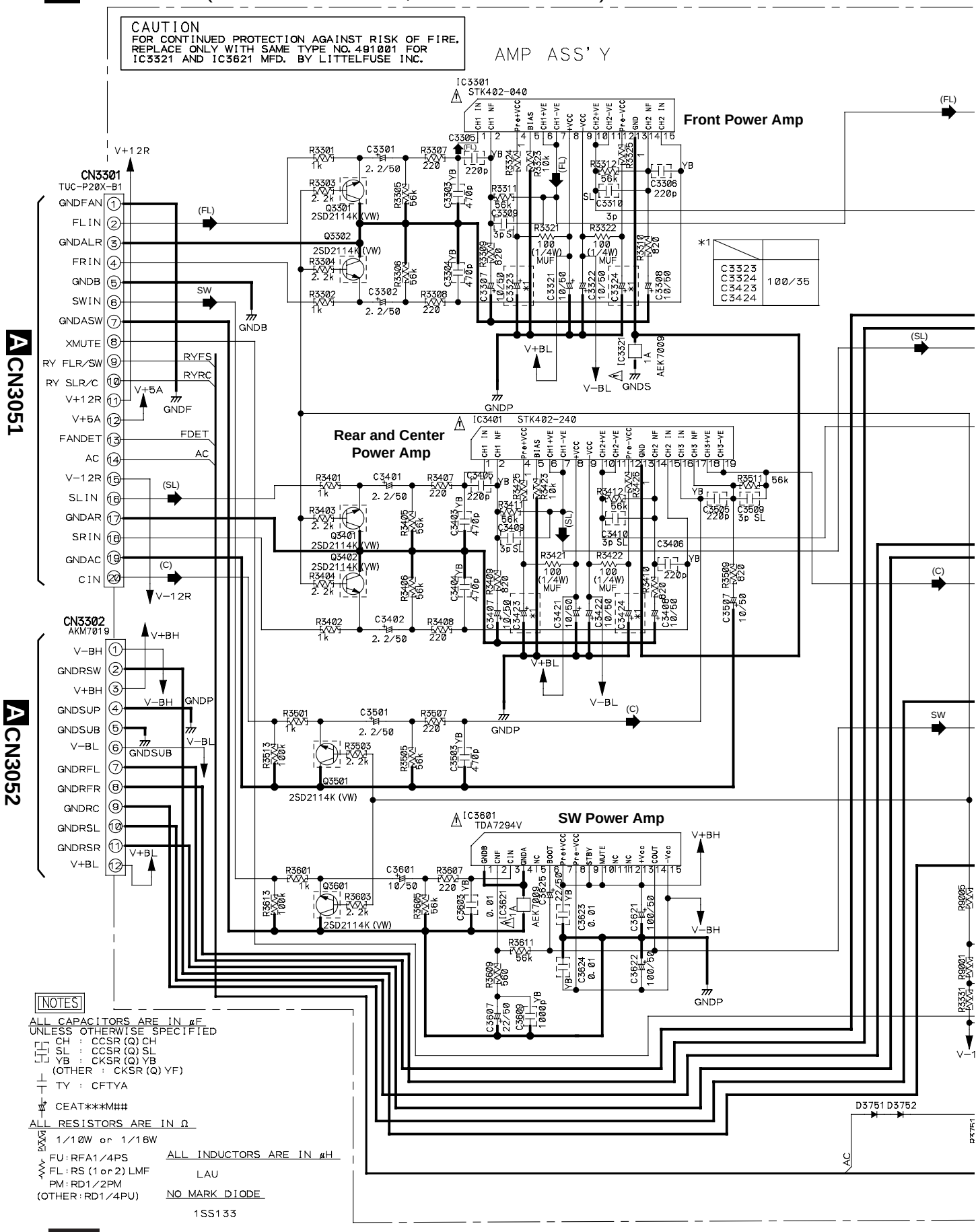
A AF ASSY (KUCXJI :AWU7628 ,MVYXJI :AWU7631)



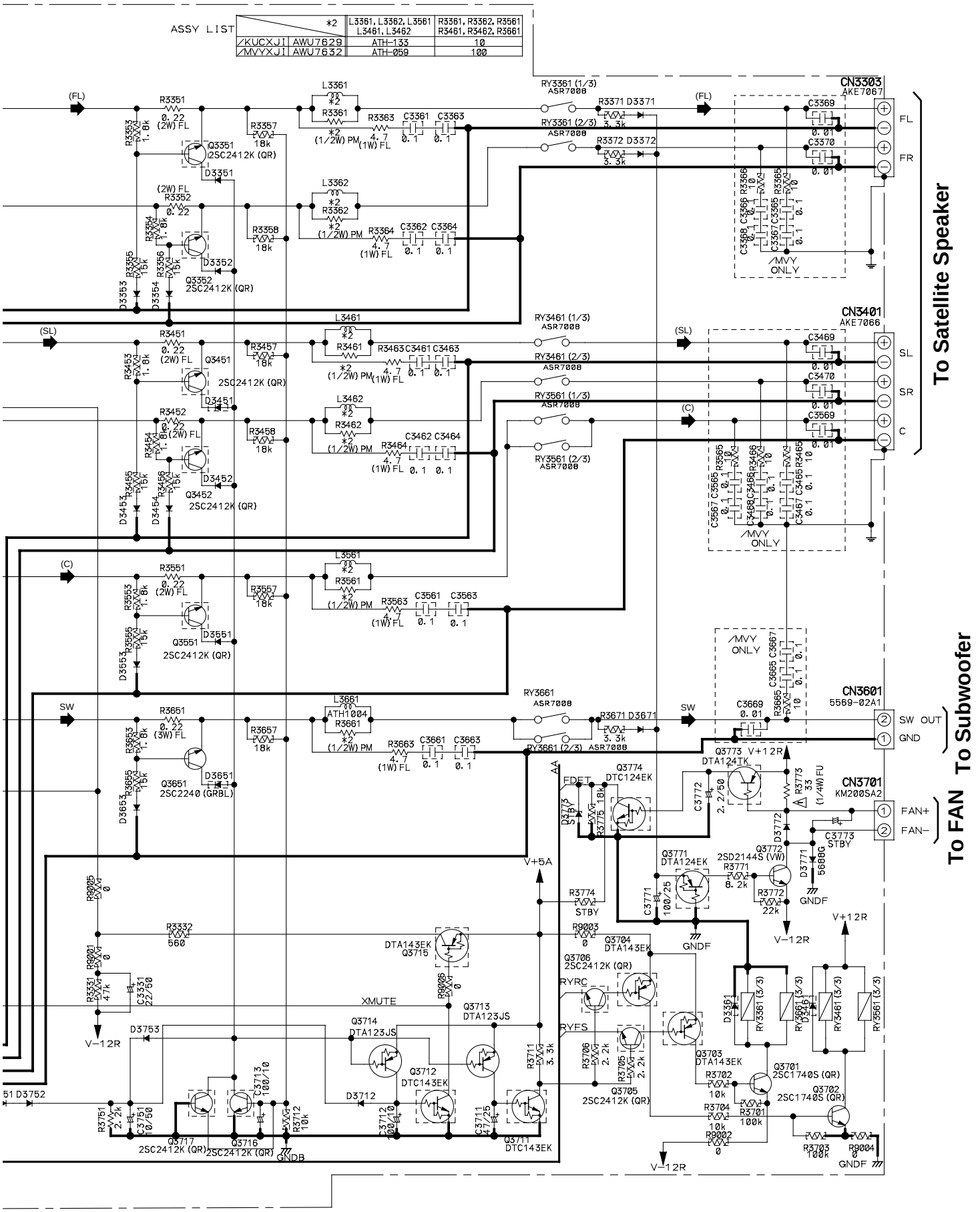
: The power supply is shown with the marked box.



B AMP ASSY (KUCXJI :AWU7629 ,MVYXJI :AWU7632)



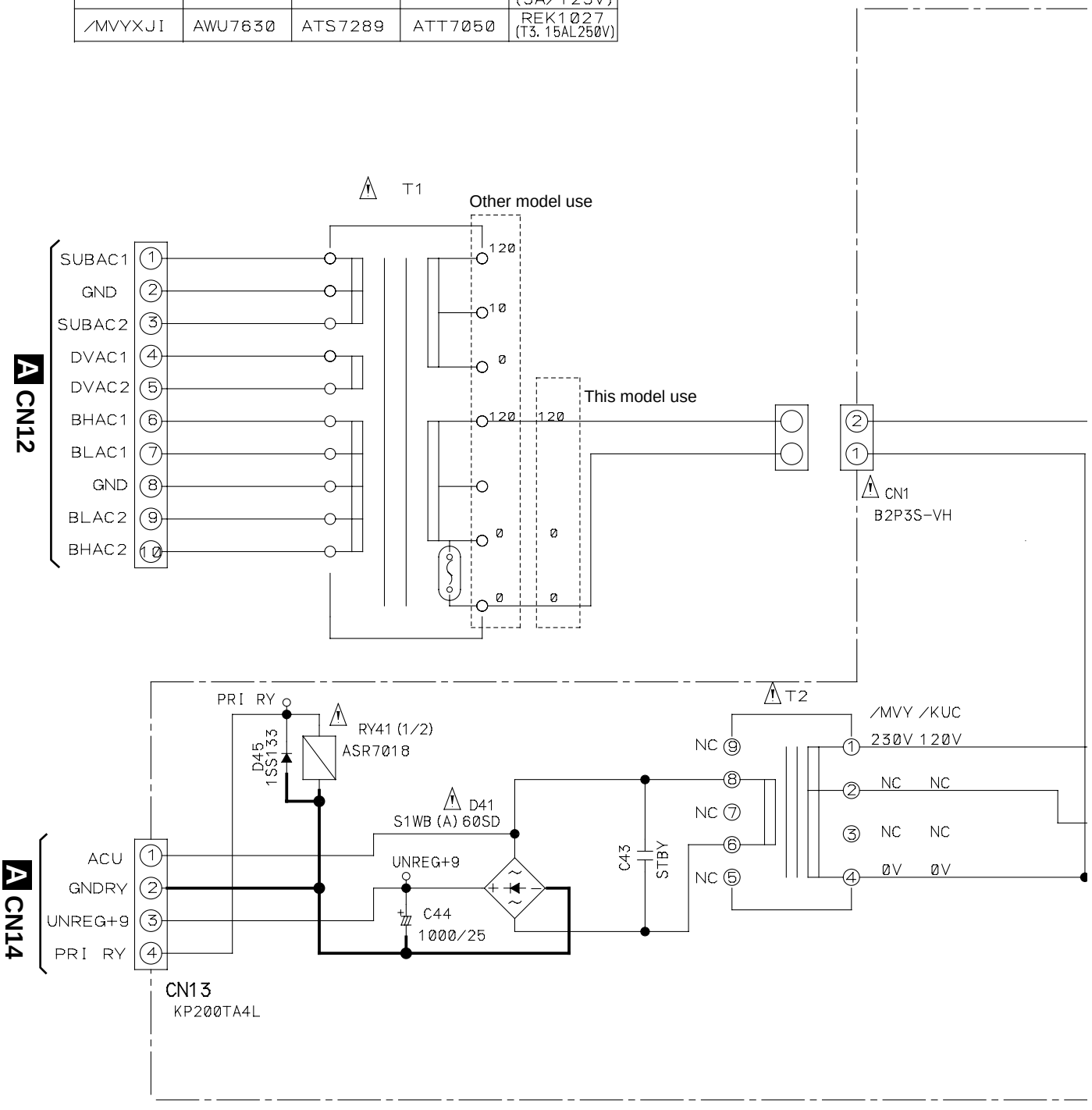
➡ : Audio Signal Route


ASSY LIST
*2
L3361, L3362, L3561 L3461, L3462
R3361, R3362, R3561 R3461, R3462, R3661
/KUCXJI AWU7629
ATH-133
10
/MVYXJI AWU7632
ATH-059
100
CN3303 AKE7067
CN3401 AKE7066
CN3601 5569-02A1
CN3701 KM200SA2
To Satellite Speaker
To Subwoofer
To FAN
FL
FR
SL
SR
C
SW OUT
GND
FAN+
FAN-
/MVY ONLY
RY3361 (1/3) ASR7008
RY3361 (2/3) ASR7008
RY3461 (1/3) ASR7008
RY3461 (2/3) ASR7008
RY3561 (1/3) ASR7008
RY3561 (2/3) ASR7008
RY3661 ASR7008
Q3351 2SC2412K (QR)
Q3352 2SC2412K (QR)
Q3451 2SC2412K (QR)
Q3452 2SC2412K (QR)
Q3551 2SC2412K (QR)
Q3651 2SC2240 (GRBL)
Q3717 2SC2412K (QR)
Q3716 2SC2412K (QR)
Q3705 2SC2412K (QR)
Q3706 2SC2412K (QR)
Q3701 2SC1740S (QR)
Q3702 2SC1740S (QR)
Q3712 DTC143EK
Q3711 DTC143EK
Q3703 DTA143EK
Q3704 DTA143EK
Q3715 DTA143EK
Q3713 DTA123JS
Q3714 DTA123JS
Q3771 DTA124EK
Q3773 V+12R DTA124TK
Q3774 DTC124EK
Q3772 2SD2144S (VW)
V+5A
V+12R
V-12R
GNDF
GNDB
XMUTE
RYRC
RYFS
FDET
STBY

3.4 PRI ASSY

C PRI ASSY (KUCXJI :AWU7627 ,MVYXJI :AWU7630)

	PRI	T1	T2	FU1
/KUCXJI	AWU7627	ATS7288	ATT7049	REK1067 (5A/125V)
/MVYXJI	AWU7630	ATS7289	ATT7050	REK1027 (T3.15AL250V)



NOTES

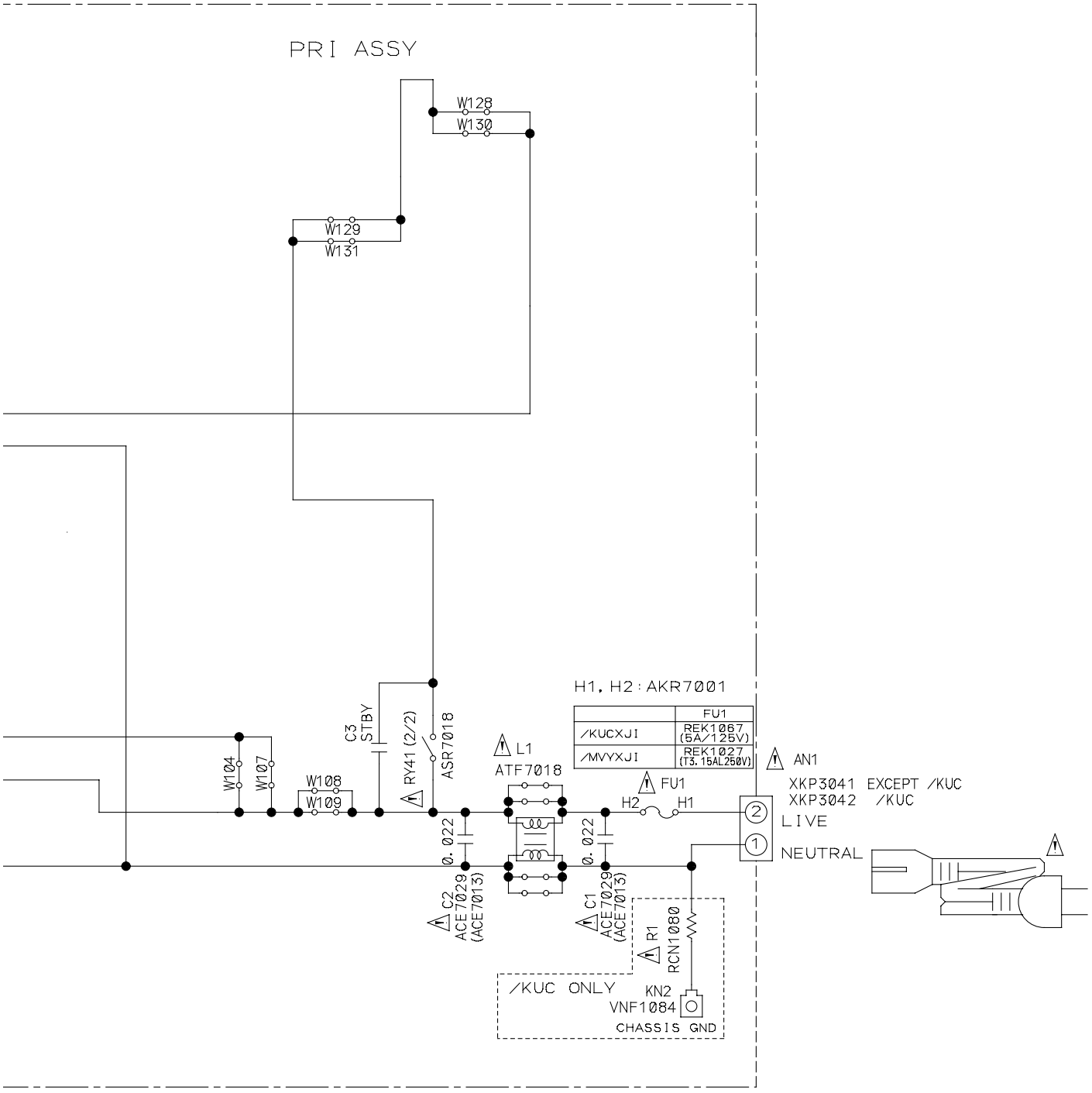
ALL CAPACITORS ARE IN μF
UNLESS OTHERWISE SPECIFIED

TY : CFTYA

CEAT***M##

• NOTE FOR FUSE REPLACEMENT

CAUTION -FOR CONTINUED PROTECTION AGAINST RISK OF FIRE.
REPLACE WITH SAME TYPE AND RATINGS ONLY.

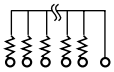


3. PCB CONNECTION DIAGRAM

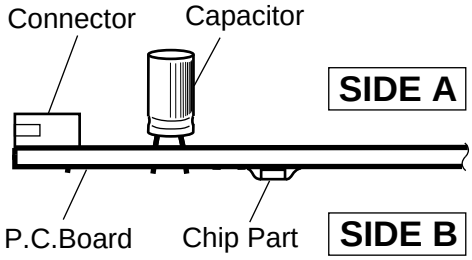
3.1 AF ASSY

NOTE FOR PCB DIAGRAMS :

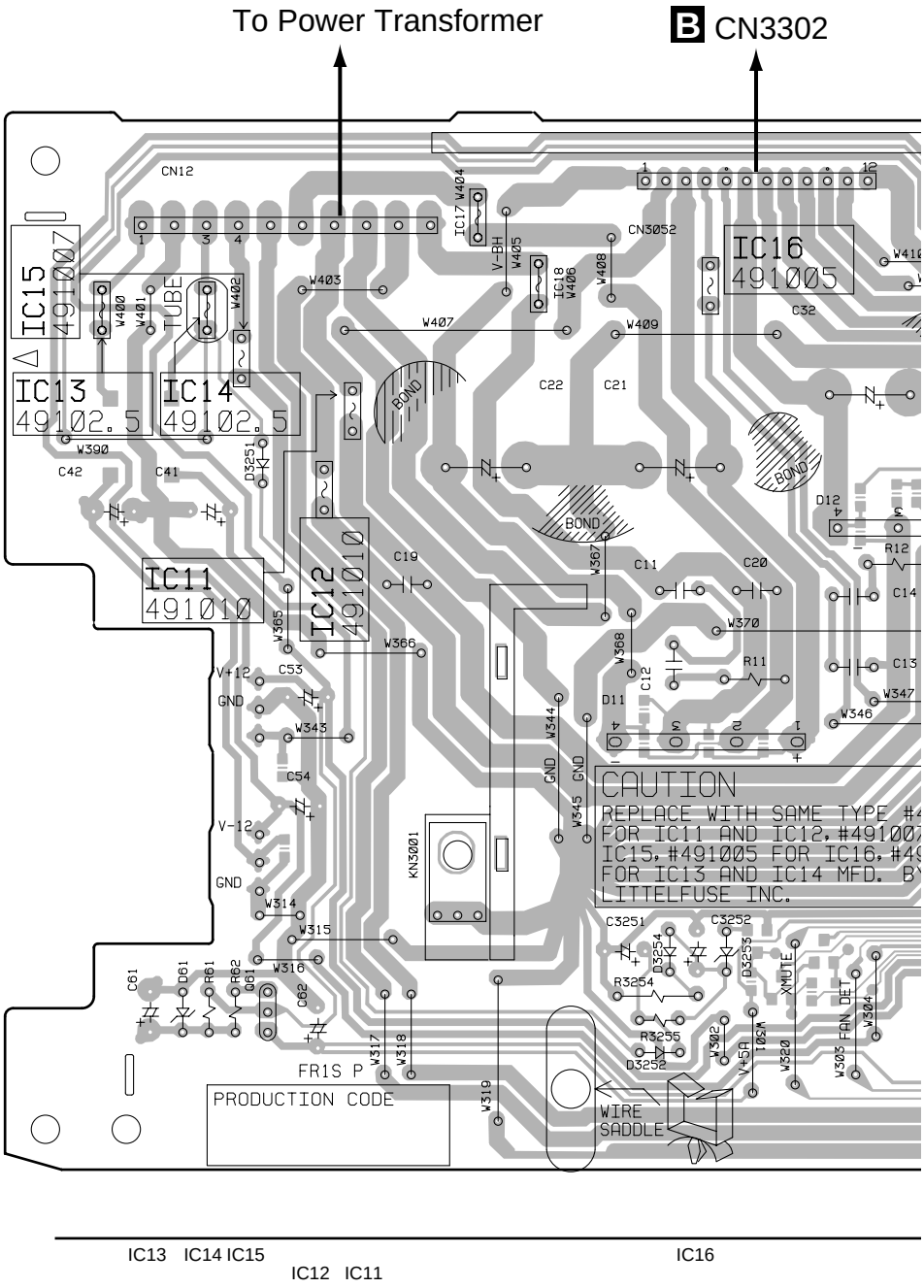
1. Part numbers in PCB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PCB and schematic diagrams is shown below.

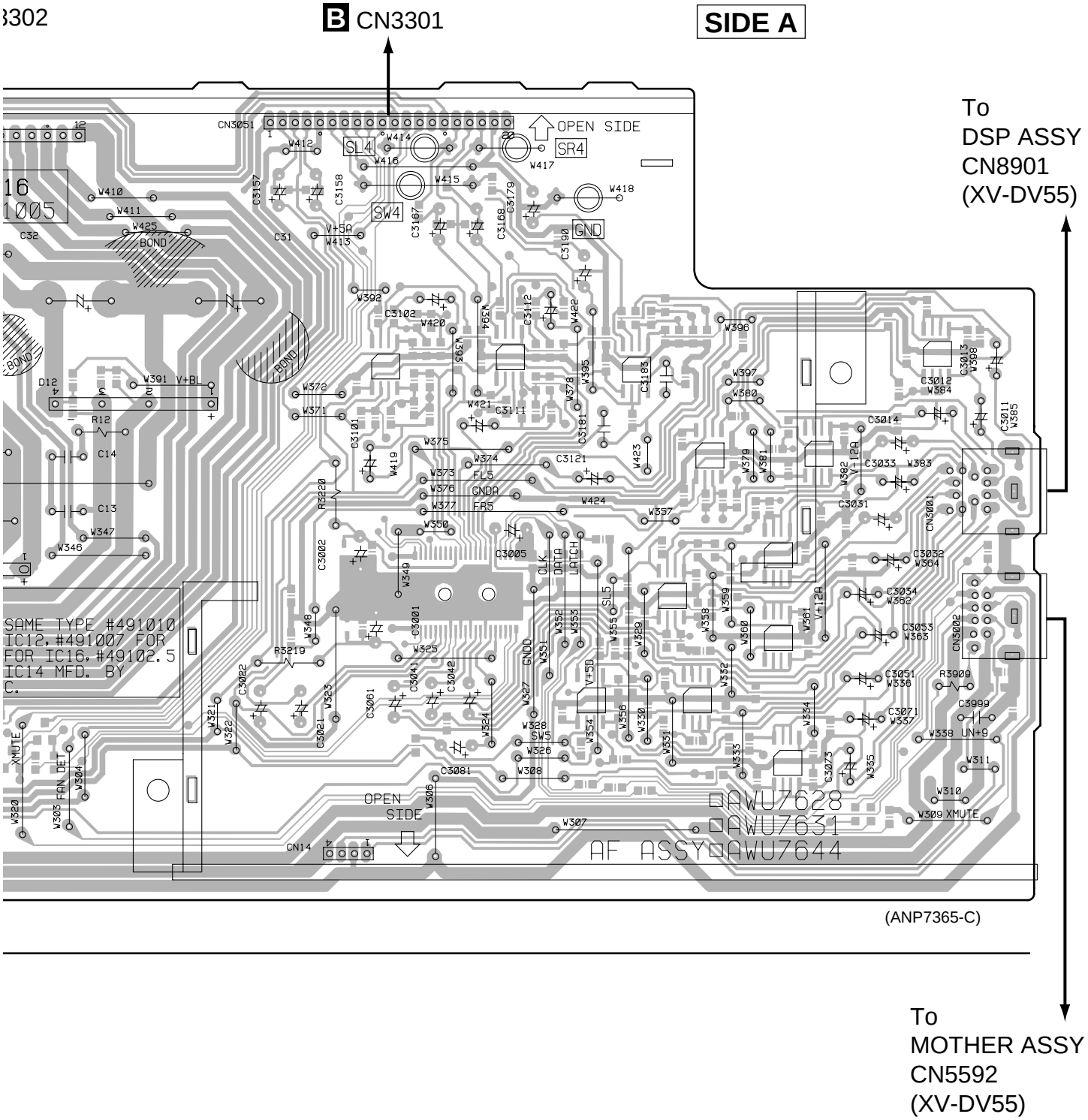
Symbol In PCB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

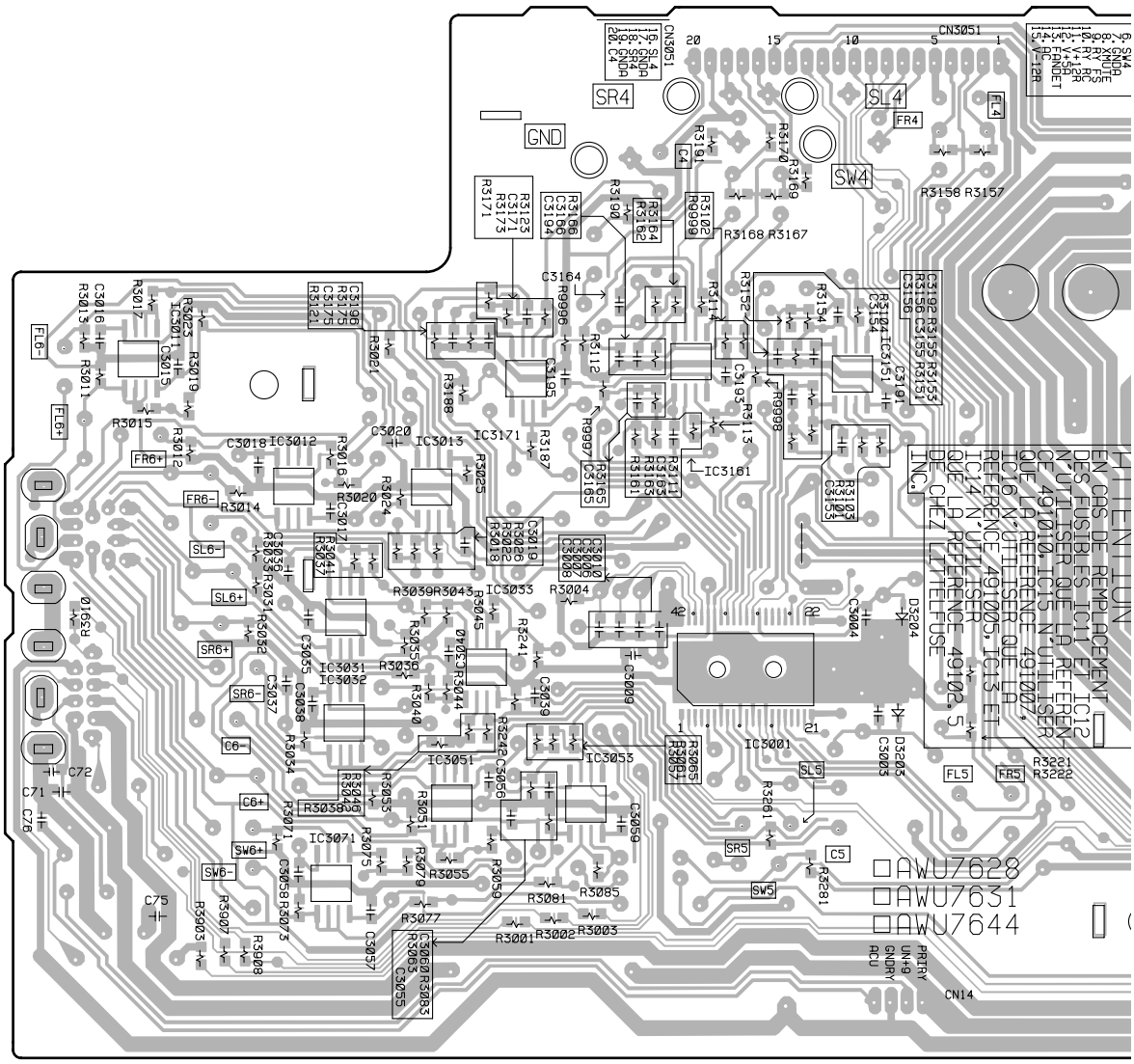
3. The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.
4. View point of PCB diagrams.



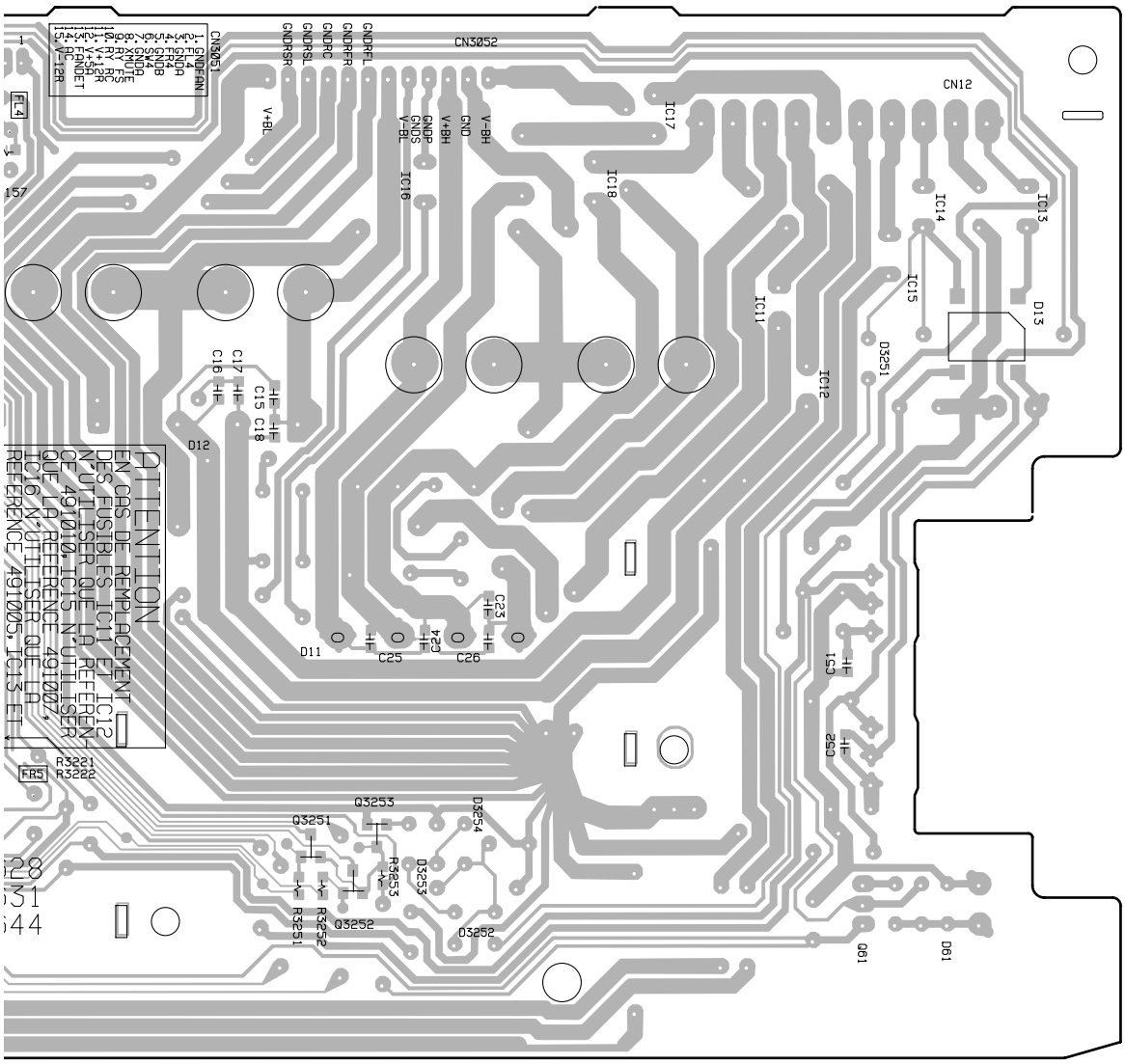
A AF ASSY




B CN3301
SIDE A
To
DSP ASSY
CN8901
(XV-DV55)
OPEN SIDE
SL4
SR4
SW4
GND
V+5A
BOND
SAME TYPE #491010
IC12, #491007 FOR
FOR IC16, #49102.5
IC14 MFD. BY
C.
OPEN
SIDE
AF ASSY AWU7644
AWU7628
AWU7631
(ANP7365-C)
To
MOTHER ASSY
CN5592
(XV-DV55)


IC3012
IC3161
IC3151
IC3031
IC3013
IC3032
IC3051
IC3053
IC3071

SIDE B



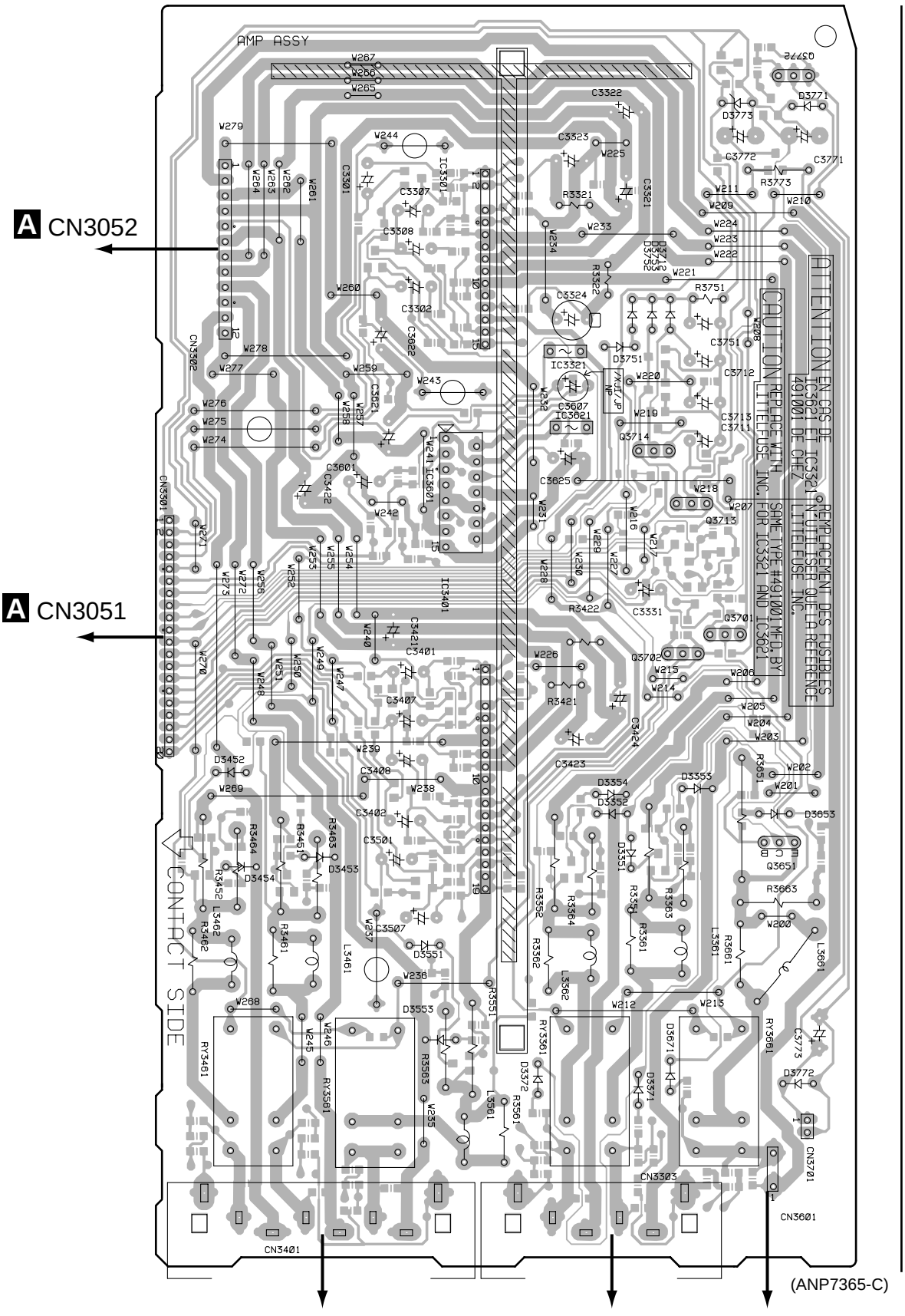
(ANP7365-C)

Q3251 Q3253
Q3252

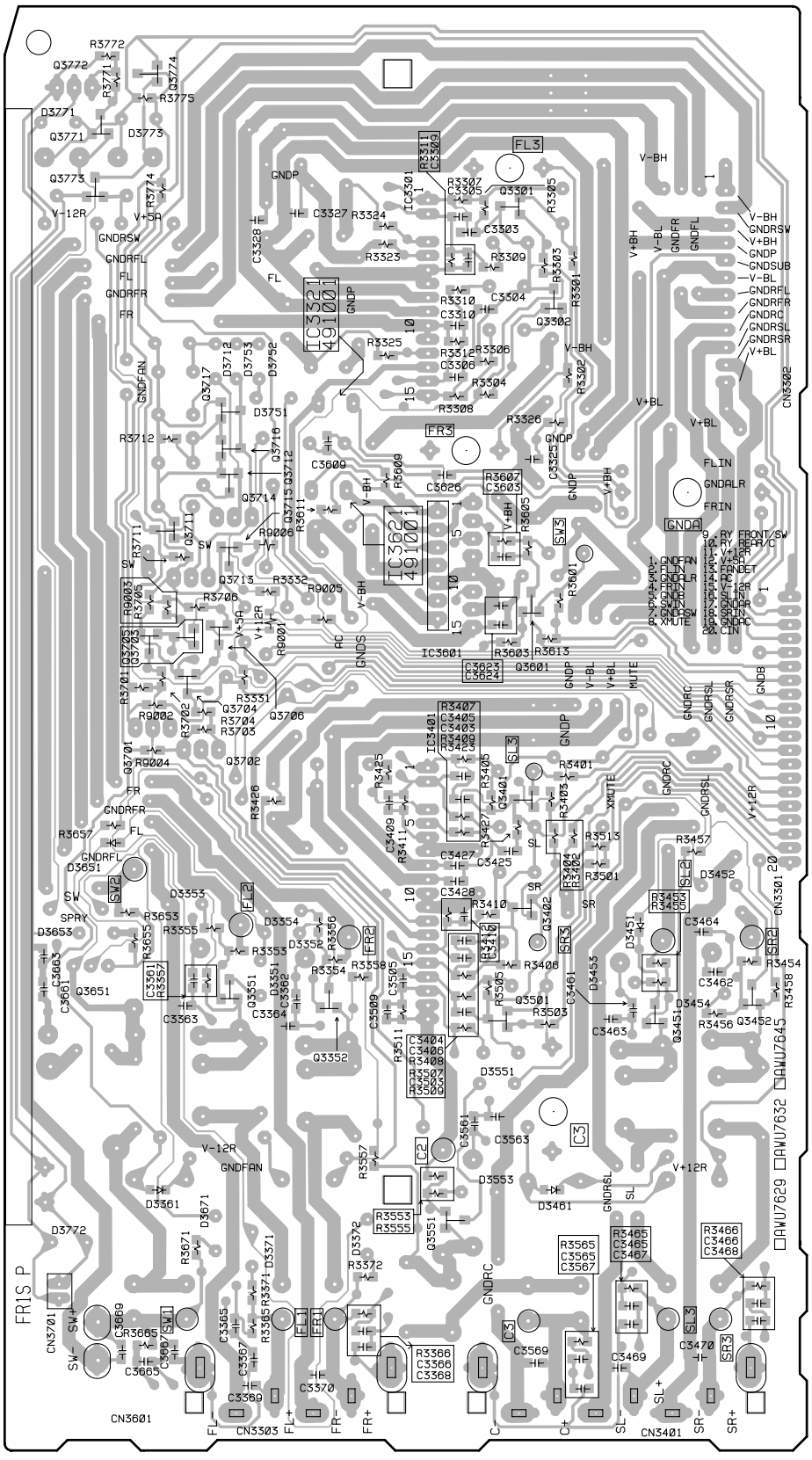
3.2 AMP ASSY

B AMP ASSY

SIDE A



SIDE B



A

Q3774

Q3771

Q3773 Q3301

Q33302

Q3717

Q3716

B

Q3712

Q3711

Q3715

Q3601

Q3705 Q3703 Q3706

Q3704

Q3401

Q3402

C

Q3351 Q3352 Q3501

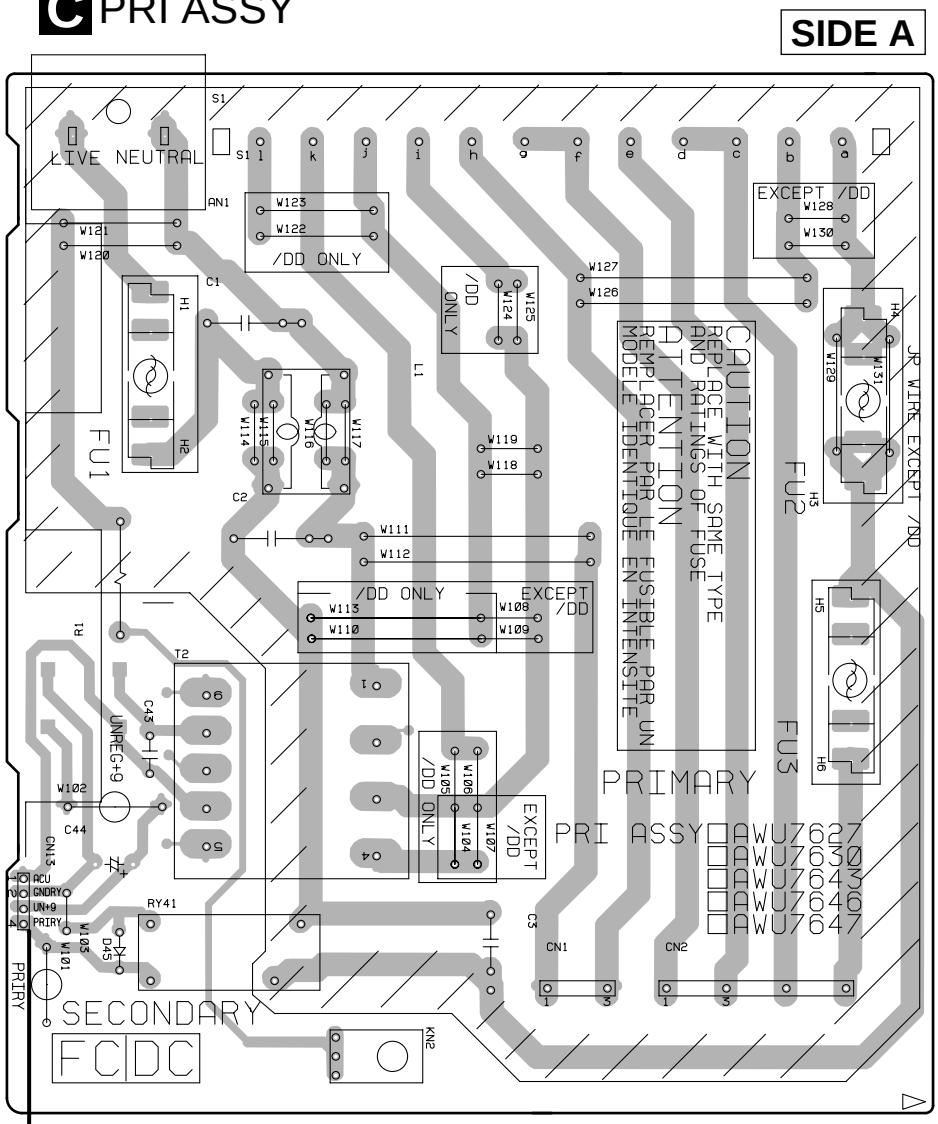
Q3451 Q3452

Q3551

D

3.3 PRI ASSY

C PRI ASSY



(ANP7365-C)

A CN14

5. PCB PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
● *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 Ω → 56 × 10¹ → 561 ..... RD1/4PU 5 6 1 J
47k Ω → 47 × 10³ → 473 ..... RD1/4PU 4 7 3 J
0.5 Ω → R50 ..... RN2H R 5 0 K
1 Ω → 1R0 ..... RS1P 1 R 0 K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω → 562 × 10¹ → 5621 ..... RN1/4PC 5 6 2 1 F

CONTRAST OF PCB ASSEMBLIES

Mark	Symbol and Description	Part No.			Remarks
		S-DV55SW-K /KUCXJI	S-DV55SW-K /MVYXJI	S-DV55SW-Q /MVYXJI	
NSP	AMPLIFIER ASSY	AXX7076	AXX7077	AXX7078	
NSP	└MAIN ASSY	AWM7532	AWM7533	AWM7533	
	├AF ASSY	AWU7628*1	AWU7631*1	AWU7631*1	*1 Constructed same.
	├AMP ASSY	AWU7629	AWU7632	AWU7632	
	└PRI ASSY	AWU7627	AWU7630	AWU7630	

B AMP ASSY

AWU7629 and AWU7632 are constructed the same except for the following:

Mark	Symbol & Description	Part No.		Remarks
		AWU7629	AWU7632	
	L3301,L3362,L3461,L3462,L3561	ATH-133	ATH-059	
	C3369,C3370,C3469,C3470,C3569,CC3669	Not used	CKSQYF103Z25	Refer to page 13.
	C3365-C3368,C3465-C3468,C3565,C3567	Not used	CKSQYF104Z25	
	CC3665,C3667	Not used	CKSQYF104Z25	
	R3361,R3362,R3461,R3462	RD1/2PM100J	RD1/2PM101J	
	R3561,R3661	RD1/2PM100J	RD1/2PM101J	Refer to page 13.
	R3365,R3366,R3465,R3466	Not used	RD1/10S100J	
	R3565,R3665	Not used	RD1/10S100J	

C PRI ASSY

AWU7627and AWU7630 are constructed the same except for the following:

Mark	Symbol & Description	Part No.		Remarks
		AWU7627	AWU7630	
⚠	T2	ATT7049	ATT7050	
⚠	R1	RCN1080	Not used	
	AN1	XKP3042	XKP3041	
	KN2	VNF1084	Not used	

Mark	No.	Description	Part No.

A AF ASSY

SEMICONDUCTORS

⚠	IC13,IC14	(IC Protector 2.5A)	AEK7014
⚠	IC16	(IC Protector 5A)	AEK7019
	IC15	(IC Protector 7A)	AEK7021
⚠	IC11,IC12	(IC Protector 10A)	AEK7022
	IC3013,IC3033,IC3053,IC3151		BA4558F-HT
	IC3161		BA4558F-HT
	IC3171		BA4558F-HT
	IC3001		M62446FP
⚠	IC51		NJM7812FA
⚠	IC52		NJM7912FA
	Q3251,Q3252		2SC2412K
⚠	Q61		2SD1858X
	Q3253		DTC143EK
	D3251,D3252,D3254		1SS133
⚠	D11		D3SBA20(B)
⚠	D12		D5SBA20(B)
	D3253		MTZJ2.7B
	D61		MTZJ5.6B
⚠	D13		S1WB(A)60SD
	D3203,D3204		UDZS6.8B

CAPACITORS

C71,C75	(0.01/200)	ACG7021
C21,C22,C31,C32	(3300/50)	ACH7098
C3006-C3008		CCSQCH101J50
C3005,C3081,C3190,C3251		CEAT100M50
C3041,C3042,C3061		CEAT1R0M50
C3021,C3022,C3157,C3158		CEAT2R2M50
C3167,C3168,C3179		CEAT2R2M50
C42		CEAT331M25
C3252,C53,C54,C61,C62		CEAT470M25
C3001,C3002,C41		CEAT471M25
C3181,C3183		CFTYA154J50
C3153,C3154,C3163,C3164,C3171		CKSQYB103K50
C3155,C3156,C3165,C3166,C3175		CKSQYB223K50
C3010,C3019,C3020,C3039,C3040		CKSQYF103Z50
C3059,C3060,C3191-C3196		CKSQYF103Z50
C51,C52		CKSQYF103Z50
C3003,C3004,C72,C76		CKSQYF473Z50

RESISTORS

R3219,R3220		RD1/2PM151J
R3254		RD1/4PM222J
R61		RD1/4PU182J
R62		RD1/4PU220J
R3909		RD1/4PU221J
R3255		RD1/4PU273J
R3015-R3026,R3035-R3046,R3055		RS1/10S1001F
R3057,R3059,R3061,R3063,R3065		RS1/10S1001F
R3075,R3077,R3079,R3081,R3083		RS1/10S1001F
R3085		RS1/10S1001F
Other Resistors		RS1/10S□□□J

OTHERS

CN3052	12P	Socket	AKP7082
CN3001	12P	Connector	AKP7131
CN3002	10P	Connector	AKP7134
CN12	10P-VH	Connector	B10P-VH
CN14	4P	Plug	KM200TA4
CN3051	PCB	connector	TUC-P20P-B1
KN3001	Earth	plate	VNF1084

B AMP ASSY (AWU7629)

SEMICONDUCTORS

⚠	IC3321,IC3621	(IC Protector 1A)	AEK7009
⚠	IC3301		STK402-040
⚠	IC3401		STK402-240
⚠	IC3601		TDA7294V
	Q3701,Q3702		2SC1740S
	Q3651		2SC2240
	Q3351,Q3352,Q3451,Q3452,Q3551		2SC2412K
	Q3705,Q3706,Q3716,Q3717		2SC2412K
	Q3301,Q3302,Q3401,Q3402,Q3501		2SD2114K
	Q3601		2SD2114K
	Q3772		2SD2144S
	Q3713,Q3714		DTA123JS
	Q3771		DTA124EK
	Q3773		DTA124TK
	Q3703,Q3704,Q3715		DTA143EK
	Q3774		DTC124EK
	Q3711,Q3712		DTC143EK
	D3351-D3354,D3371,D3372		1SS133
	D3452-D3454,D3551,D3553,D3653		1SS133
	D3671,D3712,D3751-D3753,D3772		1SS133
	D3361,D3451,D3461,D3651		1SS355
	D3771		S5688G

COILS AND FILTERS

L3361,L3362,L3461,L3462,L3561		ATH-133
L3661		ATH1004

SWITCHES AND RELAYS

RY3361,RY3461,RY3561,RY3661		ASR7008

CAPACITORS

C3309,C3310,C3409,C3410,C3509		CCSQCJ3R0C50
C3307,C3308,C3321,C3322		CEAT100M50
C3407,C3408,C3421,C3422,C3507		CEAT100M50
C3601,C3751		CEAT100M50
C3712,C3713		CEAT101M10
C3771		CEAT101M25
C3323,C3324,C3423,C3424		CEAT101M35
C3621,C3622		CEAT101M50
C3331,C3607,C3625		CEAT220M50
C3301,C3302,C3401,C3402,C3501		CEAT2R2M50
C3772		CEAT2R2M50
C3711		CEAT470M25
C3609		CKSQYB102K50
C3603,C3623,C3624		CKSQYB103K50
C3305,C3306,C3405,C3406,C3505		CKSQYB221K50
C3303,C3304,C3403,C3404,C3503		CKSQYB471K50
C3361-C3364,C3461-C3464,C3561		CKSQYF104Z25
C3563		CKSQYF104Z25
C3661,C3663		CKSQYF104Z50

RESISTORS

	R3361,R3362,R3461,R3462,R3561		RD1/2PM100J
	R3661		RD1/2PM100J
⚠	R3321,R3322,R3421,R3422		RD1/4MUF101J
	R3751		RD1/4PU222J

Mark	No.	Description	Part No.
⚠	R3773		RFA1/4PS330J
	R3363,R3364,R3463,R3464,R3563		RS1LMF4R7J
	R3663		RS1LMF4R7J
	R3351,R3352,R3451,R3452,R3551		RS2LMFR22J
	R3651		RS3LMFR22J
	Other Resistors		RS1/10S□□□J

OTHERS

	CN3601	2P Connector	5569-02A1
	CN3401	6P Speaker terminal	AKE7066
	3303	4P Speaker terminal	AKE7067
	CN3302	12P Plug	AKM7019
	CN3301	PCB Connector	TUC-P20X-B1

C PRI ASSY (AWU7627)

SEMICONDUCTORS

	D45	1SS133
⚠	D41	S1WB(A)60SD

COILS AND FILTERS

⚠	L1	ATF7018

TRANSFORMERS

⚠	T2	ATT7049

SWITCHES AND RELAYS

⚠	RY41	ASR7018

CAPACITORS

⚠	C1,C2 (0.022/AC275V)	ACE7029
	C44	CEAT102M25

RESISTORS

⚠	R1	RCN1080

OTHERS

	H1,H2	Huse clip	AKR7001
⚠	CN1	2P-VH Side Connector	B2P3S-VH
	CN13	4P Socket	KP200TA4L
	KN2	Earth plate	VNF1084
⚠	AN1	1P AC Inlet	XKP3042

6. ADJUSTMENT

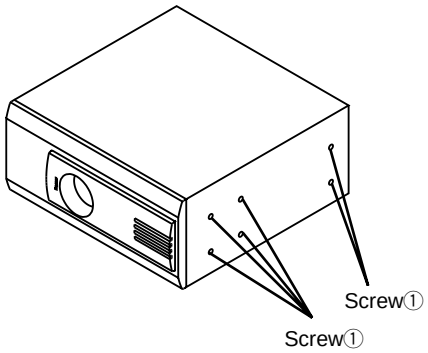
This powered subwoofer has no adjustment.

7. GENERAL INFORMATION

7.1 DISASSEMBLY

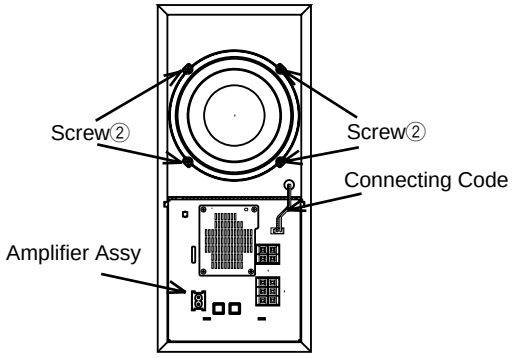
1. Removing the Amplifier Assy

1) The Amplifier Assy is attached to the cabinet by 6 external screws ①. To detach it, pull down the subwoofer toward the left side.
2) Then unfasten those screws ① .
3) Then stand up the speaker again. To detach the Amplifier Assy, first remove the connecting code. Then pull straight the Amplifier Assy toward back and remove it.



2. Removing the Subwoofer

1) The speaker element is attached to the back board by 4 external screws ②.To detach it, unfasten those screws.
2) When attaching it,face its terminal downward.



3. Removing the Cosmetic duct

1) The cosmetic duct is attached to the baffle by press-fitting. To detach it,pry it open by inserting a flat blade screwdriver into lower side.

8. SPECIFICATIONS

Amplifier Section

Subwoofer 50W (100Hz, 1% T.H.D.,8Ω)
Surround (Reference)
Front,Center,Rear ..... 30W,per channel(1KHz, 1% T.H.D.,8Ω)
Continuous power output (RMS)
Subwoofer 65W (100Hz, 10% T.H.D.,8Ω)
Surround (Reference)
Front,Center,Rear ..... 40W,per channel(1KHz, 10% T.H.D.,8Ω)

Speaker Section

Powered subwoofer

Type ..... BASS reflex floor type,antimagnetic (EIAJ)
Speaker ..... 16cm (6 in.) (cone type)
Nominal impedance 8Ω
Frequency range ..... 25Hz to 300 Hz
Max. input ..... 65W (EIAJ)

Front, Rear, Center speakers (Reference)

Type Sealed ,antimagnetic (EIAJ)
Speaker ..... 8.7cm (3-7/16 in.) (cone type)
Nominal impedance 8Ω
Frequency range ..... 100Hz to 20,000 Hz
Max. input ..... 40W (EIAJ)

Power Supply Section

Power requirements (/KUCXJI Model) AC120V, 60Hz
Power requirements (/MVYXJI Model) AC220-230V, 50/60Hz
Power consumption (DVD Tuner + Powered subwoofer) ..... 178W (/KUCXJI Model)
Power consumption (DVD Tuner + Powered subwoofer) ..... 173W (/MVYXJI Model)
Power consumption in standby mode 1W

Miscellaneous

Powered subwoofer unit

Dimensions ..... 190 (W) × 425 (D) × 430 (H) mm (7-1/2 (W) × 16-3/4 (D) × 17 (H)in.)
Weight ..... 13.8 kg (30.15 lbs)

Front, Rear speakers (Reference)

Dimensions (S-DV55ST-K) ..... 110 (W) × 75 (D) × 154 (H) mm (4-5/16 (W) × 2-15/16 (D) × 6 (H)in.)
Dimensions (S-DV55ST-Q) ..... 110 (W) × 78 (D) × 154 (H) mm
Weight (S-DV55ST-K) ..... 0.76 kg (1.7 lbs)
Weight (S-DV55ST-Q) ..... 0.81 kg (1.7 lbs)

Center speaker (Reference)

Dimensions (S-DV55ST-K) ..... 210 (W) × 75 (D) × 110 (H) mm (8-1/2 (W) × 2-15/16 (D) × 4-5/16 (H)in.)
Dimensions (S-DV55ST-Q) ..... 210 (W) × 78 (D) × 110 (H) mm
Weight (S-DV55ST-K) ..... 0.83 kg (1.8 lbs)
Weight (S-DV55ST-Q) ..... 0.92 kg (1.8 lbs)

Note : Speciffication and the desine is subject to possible modiffication without notice due to improvement.